UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. ISPH-0522

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

| Transmitted her | rewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent app | lication for an |
|----------------------|--|----------------------|
| HUMAN RN | IASE III AND COMPOSITIONS AND USES THEREOF | s. PTo 0425 |
| and invented by | | 700. 100. 100. |
| STANLEY | T. CROOKE AND HONGJIANG WU | 11036 09/ |
| If a CONTINU | ATION APPLICATION, check appropriate box and supply the requisite information: | |
| Continua hich is a: | and the second s | 09/479,783 |
| Continua | ation 🛭 Divisional 🔲 Continuation-in-part (CIP) of prior application No.: | 08/870,608 |
| Which is a: Continua | ation Divisional Continuation-in-part (CIP) of prior application No.: | 08/659,440 |
| Ēnclosed are: | Application Elements | |
| 1. X Fi | ling fee as calculated and transmitted as described below | |
| , . | pecification having 53 pages and including the following: | |
| а. 🛚 | Descriptive Title of the Invention | |
| b. 🛛 | Cross References to Related Applications (if applicable) | |
| c. 🗆 | Statement Regarding Federally-sponsored Research/Development (if applicable) | |
| d. 🗆 | Reference to Microfiche Appendix (if applicable) | |
| e. 🛚 | Background of the Invention | |
| f. 🛚 | Brief Summary of the Invention | |
| g. 🗵 | Brief Description of the Drawings (if drawings filed) | |
| h. 🗵 | Detailed Description | |
| i. 🗵 | Claim(s) as Classified Below | |
| j. ⊠ | Abstract of the Disclosure | |

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Application Elements (Continued)

| | 3. | × | Drawing(s) (when necessary as prescribed by 35 USC 113) |
|--|--------------------------------|----|---|
| | | a. | ☐ Formal b. ☑ Informal Number of Sheets2 |
| | 4. | X | Oath or Declaration |
| | | a. | ☐ Newly executed (original or copy) |
| | | b. | ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) |
| | | C. | With Power of Attorney □ Without Power of Attorney |
| 111 111 111 111 111 111 111 111 111 11 | | d. | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). |
| | 5. | | Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. |
| in Harry | 6. | | Computer Program in Microfiche |
| | 7. | | Genetic Sequence Submission (if applicable, all must be included) |
| 7 | | a. | ☐ Paper Copy |
| | | b. | ☐ Computer Readable Copy |
| 2 | | c. | ☐ Statement Verifying Identical Paper and Computer Readable Copy |
| | Accompanying Application Parts | | |
| | 8. | | Assignment Papers (cover sheet & documents) |
| | 9. | | 37 CFR 3.73(b) Statement (when there is an assignee) |
| | 10. | | English Translation Document (if applicable) |
| | 11. | | Information Disclosure Statement/PTO-1449 |
| | 12. | | Preliminary Amendment |
| | 13. | × | Acknowledgment postcard |
| | 14. | × | Certificate of Mailing |
| | | | ☐ First Class ☑ Express Mail (Specify Label No.): EL853194781US |

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| | | Accompanying Application Parts (Continued) |
|-------------------|---|---|
| 15. | | Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| 16. | | Small Entity Statement(s) - Specify Number of Statements Submitted: |
| 17. | × | Additional Enclosures (please identify below): |
| | | USPTO Credit Card Payment Form |
| | | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) |
| 18. 1 | | Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. |
| Figure 400 | | Warning |
| 18. 1999111455 | | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice |

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED Rate Fee #Filed #Allowed #Extra For \$288.00 32 \$9.00 **Fotal Claims** 52 - 20 = \$560.00 \$40.00 17 - 3 = 14 Х Indep. Claims \$0.00 Multiple Dependent Claims (check if applicable) \$355.00 **BASIC FEE** \$0.00 OTHER FEE (specify purpose) \$1,203.00 **TOTAL FILING FEE** T1 to cover the filing fee is enclosed. ☐ A check in the amount of The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1619 as described below. A duplicate copy of this sheet is enclosed. as filing fee. ☐ Charge the amount of ☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). garinas Sucoti Dated: July 6, 2001 Signature Jane Massey Licata Reg. No. 32,257 Licata & Tyrrell P.C. 66 E. Main Street

cc:

Marlton, NJ 08053 Tel: 856-810-1515 Fax: 856-810-1454

ISPH-0522

CERTIFICATE OF EXPRESS MAILING

"Express Mail" Label No. EL853194781US Date of Deposit <u>July 6, 2001</u>

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R 1.10 on the date indicated above and is addressed to the "BOX Patent Application", Assistant Commissioner for Patents, Washington, D.C. 20231.

- 1) Patent Application Transmittal Letter (2 copies);
- 2) Application consisting of 53 pages of Specification, including eight (8) pages of Claims and one (1) page of Abstract;
- 3) Two (2) sheets of Informal Drawings;
- 4) Return Post Card;
- 5) Credit Card Payment Form in the amount of \$1,203.00; and
- 6) Unexecuted Declaration and Power of Attorney;

Jane Massey Licata